

PTO/SB/21 (09-04)

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number

10/026,188

Filing Date

December 21, 2001

First Named Inventor

Charles Zuker, Ph.D.

Group Art Unit

1649

Examiner Name

John D. Ulm

Total Number of Pages in This Submission

Attorney Docket Number

119-001210US

**ENCLOSURES (check all that apply)**☐ Fee Transmittal Form☐ Fee Attached☐ Amendment / Response☐ Amendment and Request  
for Reconsideration☐ Affidavits/declaration(s)☐ Extension of Time Request☒ Receipt Acknowledgement  
Postcard☐ Information Disclosure Statement☐ Certified Copy of Priority  
Document(s)☐ Response to Missing Parts/  
Incomplete Application☐ Response to Missing  
Parts under 37 CFR  
1.52 or 1.53☐ PTO-1449 Form☐ Cited References☒ Assignment (not for  
recordation)☐ Executed Declaration☐ Petition to Convert to a  
Provisional Application☒ Power of Attorney & Correspondence  
Address Indication Form☒ Statement Under 37 CFR 3.73(b)☐ Small Entity Statement☐ Request for Refund☐ Interview Summary☐ Request for Continued  
Examination (RCE)☐ Request for Corrected  
Filing receipt☐ Copy of Filing Receipt -  
marked up☐ Status Letter☒ Additional Enclosure(s)  
(please identify below):-Submission of Power of  
Attorney & Correspondence  
Address Indication Form  
cover letter**Authorization to Charge Deposit Account**

Please charge Deposit Account No. 50-0893 for any additional fees associated with this paper or during the pendency of this application, including any extensions of time for consideration of the documents enclosed.

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm  
or  
Individual name

Paul Littlepage, Reg. No. 48,581, Quine Intellectual Property Law Group, P.C.

Signature

Date

January 24, 2008

**CERTIFICATE OF MAILING**

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Typed or printed name

Kimberly Cheung

Signature

Kimberly Cheung

Date

January 24, 2008



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QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

By

Kimberly Cheung  
Kimberly Cheung

Attorney Docket No. 119-001210US  
Client Reference No.: 2001-B4-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Charles Zuker, Ph.D., et al.

Examiner: John D. Ulm

Application No.: 10/026,188

Art Unit: 1649

Filed: December 21, 2001

For: ASSAYS FOR TASTE RECEPTOR  
CELL SPECIFIC ION CHANNEL

SUBMISSION OF POWER OF  
ATTORNEY AND CORRESPONDENCE  
ADDRESS INDICATION FORM

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

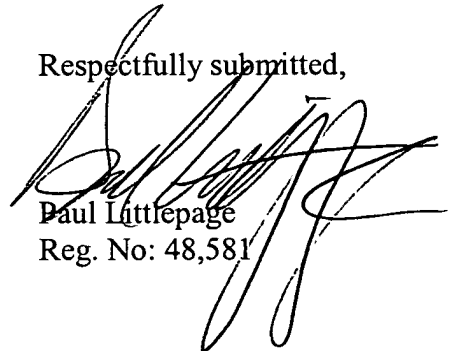
Sir:

Please make of record the following enclosed documents regarding the above-identified application:

- 1) Power of Attorney and Correspondence Address Indication Form; and
- 2) Statement Under 37 CFR 3.73(b).

QUINE INTELLECTUAL PROPERTY LAW GROUP  
P.O. BOX 458, Alameda, CA 94501  
Tel: 510 337-7871  
Fax: 510 337-7877  
PTO Customer No.: 22798  
Deposit Account No.: 50-0893

Respectfully submitted,

  
Paul Littlepage  
Reg. No: 48,581



PTO/SB/96 (09-04)  
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### STATEMENT UNDER 37 CFR 3.73(b)

Applicant: **Charles Zuker, Ph.D., et al.**

Application No.: **10/026,188**

Filed: **December 21, 2001**

Entitled: **ASSAYS FOR TASTE RECEPTOR CELL SPECIFIC ION CHANNEL**

**The Regents of the University  
of California**

**University**

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. [ X ] An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 013061, Frame 0431, or for which a copy thereof is attached.

OR

B. [ ] A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
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The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet

[X] Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

1-8-08

Date

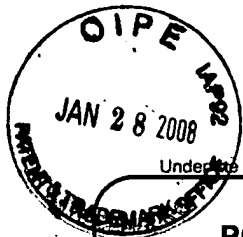
Signature

**Jane C. Moeres**

Typed or printed name

**Assistant Vice Chancellor, IP**

Title



2001-B24-2

PTO/SB/81 (09-03)

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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	10/026,188
Filing Date	December 21, 2001
First Named Inventor	Charles Zuker, Ph.D.
Title	ASSAYS FOR TASTE RECEPTOR CELL
Art Unit	1649
Examiner Name	Michael T. Brannock
Attorney Docket Number	119-001210US

I hereby appoint:

☒ Practitioners associated with the Customer Number:

OR

☒ Practitioner(s) named below:**22798**

PATENT TRADEMARK OFFICE

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number.

OR

☐

The address associated with Customer Number:

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Quine Intellectual Property Law Group, P.C.				
Address	P.O. Box 458				
Address					
City	Alameda	State	CA	Zip	94501
Country	United States				
Telephone	(510) 337-7871	Fax	(510) 337-7877		

I am the:

☐

Applicant/Inventor.

☒Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Name	Jane C. Moores, Assistant Vice Chancellor, IP				
Signature					
Date	1-8-08	Telephone	(858)534-5818		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ \*Total of \_\_\_\_\_ forms are submitted.**CERTIFICATE OF MAILING**

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Typed or Printed Name	Kimberly Cheung		
Signature	Kimberly Cheung	Date	January 24, 2008



UNITED STATES  
PATENT AND  
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NOT FOR RECORDATION

C2307E-114910US ASI

SEPTEMBER 07, 2002

PTAS  
TOWNSEND AND TOWNSEND AND CREW LLP  
ANNETTE S. PARENT  
TWO EMBARCADERO CENTER  
8TH FLOOR  
SAN FRANCISCO, CA 94111-3834

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/08/2002

REEL/FRAME: 013061/0431  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
ZUKER, CHARLES S.

DOC DATE: 06/14/2002

ASSIGNOR:  
ZHANG, YIFENG

DOC DATE: 06/14/2002

ASSIGNEE:  
REGENTS OF THE UNIVERSITY OF  
CALIFORNIA, THE  
1111 FRANKLIN STREET  
5TH FLOOR  
OAKLAND, CALIFORNIA 94607-5200

SERIAL NUMBER: 10026188  
PATENT NUMBER:

FILING DATE: 12/21/2001  
ISSUE DATE:

RECEIVED

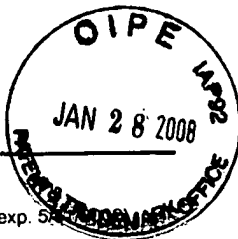
2005 SEP 13 9:16:02

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013061/0431 PAGE 2

PAULA MCCRAY, EXAMINER  
ASSIGNMENT DIVISION  
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07-11-2002

Attorney Docket No. 02307E-114910US

Form PTO-1595

(Rev. 03-01)

OMB No. 0651-0027 (exp. 5-2008)



102151922

Sheet

Y

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies):

Charles S. Zuker

07/08/02

Additional name(s) of conveying parties attached? ☒ Yes ☐ No.

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other: \_\_\_\_\_

Execution Date: June 14, 2002

## 2. Name and address of receiving party(ies)

Name: The Regents of the University of California

Internal Address: \_\_\_\_\_

Street Address: 1111 Franklin Street, 5th Floor

City: Oakland State: California ZIP: 94607-5200

Additional names and addresses attached? ☐ Yes ☒ NoOFFICE OF PUBLIC RECORDS  
2002 JUL -8 AM 11:51  
FINANCE SECTION

## 4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No(s): 10/026,188

B. Patent No(s): \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Annette S. Parent  
TOWNSEND AND TOWNSEND AND CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
(415) 576-0200

## 6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): -----\$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number: 20-1430

(Attach duplicate copy of this page if paying by deposit account)

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true or copy of the original document.

Annette S. Parent

Name of Person Signing  
Atty. Reg. No. 42,058

Signature

June 28, 2002

Date

Total number of pages including cover sheet, attachments and document 3

Mail documents to be recorded with required cover to:  
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Washington, D.C. 20231

07/10/2002 LNUELLER 00000189 201430 10026188

01 FC:581

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1. Additional name(s) of conveying party(ies):  
(Continued from Page 1)

Yifeng Zhang

2. Additional name(s) and address(es) of receiving party(ies):  
(Continued from Page 1)

3. Additional application number(s) or patent number(s):  
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)



# NOT FOR RECORDATION

TTC Attorney Docket No. 02307E-114910US

## ASSIGNMENT

U.C. Case No. 2001-124-2

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Charles S. ZUKER 2. Yifeng ZHANG  
3. \_\_\_\_\_ 4. \_\_\_\_\_

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin St., 12<sup>th</sup> Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

ASSAYS FOR TASTE RECEPTOR CELL SPECIFIC ION CHANNEL

and which is found in

- (a) \_\_\_\_\_ U.S. provisional application filed herewith and listing the above-named persons as inventors  
(b) \_\_\_\_\_ U.S. patent application filed herewith and listing the above-named persons as inventors  
(c) x \_\_\_\_\_ U.S. application serial no. 10/026,188, filed on December 21, 2001  
(d) \_\_\_\_\_ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

14th day of June, 2002

14th day of June, 2002

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature of Inventor(s)

1. 

2. 